**231/3**

**BIOLOGY**

**FORM 3 JANUARY 2023 TERM 1 OPENER EXAM**

**PAPER 3 (PRACTICAL)**

**TIME: 13/4 Hours**

**CONFIDENTIAL INSTRUCTIONS TO SCHOOLS**

**In addition to the apparatus commonly found in the school laboratory, each candidate should be supplied with the following**

1. 4 test tubes in test tube rack.
2. 1 boiling tube
3. Test tube holder
4. Adequate distilled water
5. Benedict solution– supplied with a dropper
6. Means of heating
7. 10% Sodium Hydroxide– supplied with a dropper
8. 1% Copper (II) Sulphate– supplied with a dropper
9. DCPIP– supplied with a dropper
10. 10cm3 of solution Win a boiling tube labeled as **solution W**

**NB:** measure 30gms of glucose and 15gms of egg albumen in a 500ml beaker, add 200cm3 of distilled water and stir to dissolve. Top up with distilled water to make 500cm3solution. Label this solution as solution **W**